

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G08G1/09

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G08G E01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AU 64248 80 A (SPIRA, H.E) 21 May 1981 (1981-05-21) the whole document ---	1-6, 16
Y	US 5 986 576 A (ARMSTRONG ET AL) 16 November 1999 (1999-11-16) column 4, line 39 -column 5, line 42; figures 1-3,8 column 7, line 18 - line 36 ---	7-12 1-4, 6, 13-16
Y	US 4 747 725 A (GEBELIUS ET AL) 31 May 1988 (1988-05-31) column 3, line 1 - line 64; figures 1-4 ---	7, 8 -/-



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents:

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Date of the actual completion of the international search

4 March 2005

Date of mailing of the international search report

01/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DATABASE EPODOC 'Online! EUROPEAN PATENT OFFICE, THE HAGUE, NL; XP002320086 -& GR 1 002 467 B (VIEREX AVE - EFARMOSMENES ILEKTROMETALLIKES KATASKEVES ANONYMI) 8 November 1996 (1996-11-08) page 1, line 1 -page 5, line 3; figures 1,2 abstract ---	9-11
Y	US 2001/054970 A1 (JONES RICHARD D) 27 December 2001 (2001-12-27) figures 2,3 ---	12
A	DE 30 11 644 A1 (GEBRUEDER STOYE GMBH; GEBRUEDER STOYE GMBH, 5000 KOELN, DE) 1 October 1981 (1981-10-01) figure 2 -----	9

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
AU 6424880	A	21-05-1981	NONE		
US 5986576	A	16-11-1999	NONE		
US 4747725	A	31-05-1988	SE	445656 B	07-07-1986
			AT	37056 T	15-09-1988
			AU	577822 B2	06-10-1988
			AU	3781985 A	26-06-1985
			DE	3473896 D1	13-10-1988
			EP	0193532 A1	10-09-1986
			JP	61500677 T	10-04-1986
			SE	8306871 A	14-06-1985
			WO	8502636 A1	20-06-1985
GR 1002467	B	08-11-1996	NONE		
US 2001054970	A1	27-12-2001	US	6107941 A	22-08-2000
DE 3011644	A1	01-10-1981	NONE		